Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0784	Overall LMA	Total LMA						
Reclamation District No. 0784 Plumas	Rating	Miles						
Lake	Α	33.20						
5		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							<u> </u>	
Encroachments					2.89			
Supplemental DWR UCIP Field Study					0.11	0.01		
LMA Totals:	0.00	0.00	0.00	0.00%	3.00	0.01	0.00	0.00
Zivii i rotaio.			0.00	0.0070	0.00	0.01	0.00	0.00
Unit No. 01 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	2.21						
Poted Item		Maintena	nce Deficiancy		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee						I	I	
Encroachments					0.61			
Supplemental DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.62	0.00	0.00	0.00
					<u> </u>			
Unit No. 02A Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	2.54						
Rated Item		Maintena	nce Deficiancy		Enforc	ement		k System scence
Nated Rem	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 02B Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	3.95						
		Maintena	nce Deficiancy		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					0.10			
Unit Totals:	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00
Unit No. 03A Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	0.78						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
						•	•	

Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 03B Bear River RB	Overall Unit	Total Unit						
Cint No. 000 Bear River RD	Rating	Miles						
RD0784	Α	1.49						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
Harit No. Od bytana antan Oan al DD	0	Tatalillait			l			
Unit No. 04 Interceptor Canal RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	6.33						
			nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
Unit No. 05 Interceptor Canal LB	Overall Unit	Total Unit						
	Rating	Miles						
RD0784	Α	4.19			1		Design 8	System
Rated Item	Maintenance Deficiancy				ement	Obsole	scence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Encroachments					2.18			
Supplemental					2.10			
DWR UCIP Field Study					0.05	0.01		
Unit Totals:	0.00	0.00	0.00	0.00%	2.23	0.01	0.00	0.00
Unit No. 06 South Dry Creek RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0784	Α	0.25						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
			0.00	0.0070	0.01	0.00	0.00	0.00
Unit No. 07 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	3.82						
KD0764			nce Deficiancy		Enforce	ement	Design 8	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
No Items	IVI IVIIICS	O WIIICO	W 1 40 Willes	THICOHOLD 70	W WIICS	O WINCO	W WIICO	O WIIICO
Unit Totals:	0.00	0.00	0.00	0.00%				
							1	
Unit No. 08 Three Rivers RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	1.93						
			nce Deficiancy		Enforc	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Onit Totals.	0.00	0.00	0.00	0.0070				

Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 09 Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	5.71						
Rated Item		Maintena	nce Deficiancy		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00

LMA District Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)					
† Overall LMA Rating (Fall Only)			Α						
	** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.								
† SPRING INSPECTIONS: Overall maintenance deficiencies are rated	ratings are not determ d using the same criter			ual maintenance					
FALL INSPECTIONS: The overall maintena	ance rating shown abo	ve is based on operati	on and maintenance de	ficiencies identified					

within the attached unit inspection reports. This rating is not intended to be an indiction of risk.

Comments	

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 01 Yuba River	Left	2.21

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	11/01/2016 11/01/2016	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		4		
LM End	0.00	Issue Type +	Ма	Location *	tion * CR			
Category	GPS La	atitud	le/Longitude					
Category				Start		End		
Item		s & Maintena	nce		0		0	
пеш	Manuals				0		0	
DWR ID	DWR_RD0	784_01_s _ 201	13_4					
		Comn	nent Cod	de				
		Inspect	or Comm	nent				
O&M man	uals are lo	cated at the d	istrict of	fice.				

No Photos

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *	cation * CR		
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Calegory				Start		End	
Emergency Supplies &					0		0
item	Equipmen	ıt			0		0
DWR ID	DWR_RD0	784_01_s _ 201	3_5				
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			

No Photos

RD 784 participates with the neighboring districts to strategically place

flood fight supplies around the local districts for fast response. They also have a shipping container at their district office, and three containers at another district full of flood fight supplies.

LM Start	0.00	Rating **	Α	Issue No.		6		
LM End	0.00	Issue Type +	Ма	Location * CR				
Category	GPS Latitude/Longitude							
Calegory				Start		End		
Item	Flood Pre	paredness &	Training		0		0	
пеш					٥		0	
DWR ID	DWR_RD0	784_01_s _ 201	3_6					
		Comn	nent Cod	le				
	Inspector Comment							
RD 784 an	d its emplo	oyees host an	d partici	pate in a FI	ood	Fight class		

No Photos

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

put on by DWR every fall in their district.

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	11/01/2016 11/01/2016	Sterling York

LM Start	0.04	Rating **	Α	Issue No.		2
LM End	2.20	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS L	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		39.1344	50°	39.125874°
item				-121.5526	-121.588644°	
DWR ID DWR_RD0784_01_f _ 2016_2						
		Comn	nent Cod	de		
V1 : Contre easements		rass and wee	ds on th	e levee slo	pes a	and
		Inspecto	or Comm	nent		
Well maint	ained ann	ual vegetation	. Fall 20	16.		



View of waterside looking downstream of well maintained annual vegetation. Fall 2016.

LM Start	0.04	Rating **	Α	Issue No.		3
LM End	2.20	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee	GPS Latitude/Longitude			
Category	ory			Start		End
Item	Vegetation			39.1344	50°	39.125874°
пеш				-121.5526	72 °	-121.588644°
DWR ID DWR_RD0784_01_f _ 2016_3						
		Comp	ant Coc	10		

Comment Code V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Well maintained annual vegetation. Fall 2016.

Photo 1 of 1: FA_2016_RD0784_178_3_20161103_00007.jpg



View of landside looking downstream of well maintained annual vegetation. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	11/01/2016 11/01/2016	Sterling York

		D 11 ++		1		
LM Start	0.51	Rating **	М	Issue No.		12
LM End	1.00	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Encroachi	ments		39.1315	58°	39.129475°
пеш				-121.5606	68°	-121.569209°
DWR ID DWR_RD0784_01_f _ 2012_12						
		Comn	nent Cod	le		
FE : Fence	9					
		Inspecto	or Comm	ent		
Inspector Comment Fences are found within the 10 feet of levee easement .						



Fences were found on the landside toe of the levee looking downstream. Fall 2016.

LM Start	1.00	Rating **	М	Issue No.		13			
LM End	1.12	Issue Type +	En	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Odlogory				Start		End			
Item	Encroachi	ments		39.1294	75°	39.129615°			
itom				-121.5692	10°	-121.571371 °			
DWR ID DWR_RD0784_01_f _ 2012_13									
		Comn	nent Cod	de					
FE : Fence)								
	Inspector Comment								
Fence near the levee toe. Fall 2016.									



This photo shows a fence near the levee toe on the landside looking downstream. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	11/01/2016 11/01/2016	Sterling York

LM Start	1.31	Rating **	М	Issue No.		14	
LM End	1.31	Issue Type +	En	Location *		LS	
Category			GPS Latitude/Longitude				
Calegory				Start		End	
Item	DWR UCI	P Field Study	P Field Study			39.129826	٥
пеш				-121.57494	10°	-121.574940	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:50677 DS_ID:18552 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/15/2016 - Crossing is still Non-Urgent due to the possibility that the pipe is unpermitted. The crossing will be downgraded when owner provides permit or CVFPB enforcement resolves the issue. (DWR UCIP - thatch)11/01/2015 - Letter requesting permit or to provide permit sent to owner Century Link, 700 W. Mineral Avenue, Rm D 27.34, Littleton, CO 80120 on 2/18/2014. Pending CVFPB enforcement on utility crossing owner. Requesting DWR inspector to change the status of this issue to "No Action Needed" (P. Meagher -RD784) 02/28/2013 - No permit identified for this crossing. Need to determine if owner has permit. (W.Wylie UCIP Inspector). FIELD_STRUCT_DESC: Fiber Optic Communication lines cross levee. Diameter unknown.

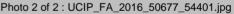
FS Date: 9/11/2015 9:08:00 AM

LM Start	1.31	Rating **	M	Issue No.	14 (cont)
LM End	1.31	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_50677_54402.jpg



Marker on east side of Rail/WS of Levee.





Marker on east side of Rail/WS of Levee.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 02A Feather River	Left	2.54

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Feather River	Left	2.54	11/01/2016 11/01/2016	Sterling York

LM Start	0.01	Rating **	Α	Issue No.		1		
LM End	2.53	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		39.1257	63°	39.090425°		
пеш			-121.588667 ° -121.58			-121.584694°		
DWR ID DWR_RD0784_02A_f _ 2016_1								
Comment Code								
V1 : Contro easements		rass and wee	eds on th	e levee slop	pes a	and		
		Inspecto	or Comm	nent				
Well maint	Well maintained annual vegetation. Fall 2016.							

LM Start	0.01	Rating **	Α	Issue No.	1 (cont)
LM End	2.53	Issue Type +	Ма	Location *	LS



First view looking downstream of landside well maintained annual vegetation. Fall 2016.

Photo 2 of 2: FA_2016_RD0784_531_1_20161117_00007.jpg



Second view looking downstream on waterside of well maintained annual vegetation. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Feather River	Left	2.54	11/01/2016 11/01/2016	Sterling York

LM Start	0.01	Rating **	Α	Issue No.		2		
LM End	2.53	Issue Type +	Ma	Location *		WS		
Category	Catagonia Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	n		39.1257	63°	39.090425°		
пеш				-121.588667 ° -121.584				
DWR ID DWR_RD0784_02A_f _ 2016_2								
		Comn	nent Cod	de				
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes	and		
		Inspecto	or Comm	nent				
Well maint	ained ann	ual vegetation	. Fall 20	16.				

LM Start	0.01	Rating **	Α	Issue No.	2 (cont)
LM End	2.53	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA_2016_RD0784_531_2_20161103_00003.jpg

First view of waterside looking downstream of well maintained annual vegetation. Fall 2016.

Photo 2 of 2: FA_2016_RD0784_531_2_20161103_00004.jpg



Second view of waterside looking downstream of well maintained annual vegetation. Fall 2016.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 02B Feather River	Left	3.95

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	11/01/2016 11/01/2016	Sterling York

LM Start	8.96	Rating **	A/W	Issue No.	1		
LM End	9.36	Issue Type +	Ma	Location *	WS		
Supplemental				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item		CE Erosion S	Survey,	39.009366°		39.004549°	
пеш	DRAFT			-121.5797	66 °	-121.579143°	
DWR ID DWR_RD0784_02B_f _ 2015_1							
Comment Code							

Inspector Comment

2003 - Bank is near vertical. Identified as a Potentially Critical site.
2004 - Eddy flow off downstream end of Modesto formation eroding the fluvial sediments. 2005 - Some new slumping. Actively eroding but berm width is greater than 50 ft. 2006 - Downgraded to regular erosion site. Still actively eroding. Large old rotational failures in high bank on the downstream end. 2008 - Removed from inventory due to wide berm width does not meet criteria for an erosion site. 2010 - Added back to the inventory after 10 ft of bank erosion in the winter 2009 storm. Steep vertical face. 2011 - Bank has retreated an additional 2.5 ft from last year. New tree popouts and erosion throughout the site. 2012 - Site continues to worsen with new tree popouts and many sections of new erosion. 2015: Last observed in 2013. [2015 Site ID: FHR_17-8_L]



USACE 2013 Photo #1

LM Start	9.00	Rating **	Α	Issue No.		4		
LM End	12.80	Issue Type +	Ma	Location *	WS			
Cotogon Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Item	Vegetatio	n		39.0095	47°	38.955539°		
item				-121.5788	26°	-121.574624°		
DWR ID DWR_RD0784_02B_f _ 2016_4								

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Well maintained annual vegetation. Fall 2016.

Photo 1 of 1: FA_2016_RD0784_532_4_20161103_00006.jpg



Second view of waterside looking downstream at well maintained annual vegetation. Fall 2016.

Page 2 of 2

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	11/01/2016 11/01/2016	Sterling York

9.00	Rating **	Α	Issue No.		3			
12.80	Issue Type +	Ma	Location *		LS			
Earthen L	evee		GPS La	atitud	le/Longitude			
			Start		End			
Vegetation 39.009547 ° 38.955					38.955539°			
			-121.578825 ° -121.574					
DWR ID DWR_RD0784_02B_f _ 2016_3								
	Comn	nent Cod	le					
	rass and wee	ds on th	e levee slo	pes	and			
	Inspecto	or Comm	ent					
ained ann	ual vegetation	. Fall 20	16.					
	12.80 Earthen L Vegetation DWR_RD0 ol annual g	12.80 Issue Type + Earthen Levee Vegetation DWR_RD0784_02B_f _ 20 Comn of annual grass and weeks. Inspector	12.80 Issue Type + Ma Earthen Levee Vegetation DWR_RD0784_02B_f2016_3 Comment Cocol annual grass and weeds on the cocol. Inspector Comment	12.80 Issue Type + Ma Location * Earthen Levee GPS List Start Vegetation 39.0095 -121.5788 DWR_RD0784_02B_f _ 2016_3 Comment Code Ol annual grass and weeds on the levee slope	12.80 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Vegetation 39.009547° -121.578825° DWR_RD0784_02B_f _ 2016_3 Comment Code of annual grass and weeds on the levee slopes of the levee slope			



View of landside looking downstream of landside well maintained annual vegetation. Fall 2016.

LM Start	9.21	Rating **	М	Issue No.		6	
LM End	9.31	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Odlogory				Start		End	
Item	Encroachi		39.0065	23°	39.005235°		
itom			-121.5778	43°	-121.578286 °		
DWR ID	DWR_RD0	784_02_f _ 201	2_6				
		Comn	nent Cod	de			
MA : Mate	rial						
		Inspecto	or Comm	nent			
Un-permitted paving at levee toe. Fall 2016.							



View looking downstream on the land side of un-permitted paving. Fall 2016.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 03A Bear River	Right	0.78

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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- c) corrections to deficiencies noted in this report

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.78	11/01/2016 11/01/2016	Sterling York

LM Start	2.43	Rating **	Α	Issue No.		3	
LM End	3.20	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	า		38.9705	76°	38.974682°	
item	-121.54758					-121.535308°	
DWR ID	DWR ID DWR_RD0784_03A_f _ 2016_3						
		Comn	nent Cod	de			
V1 : Contro easements		rass and wee	eds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			
Well maintained annual vegetation. Fall 2016.							



View of waterside looking upstream at well maintained annual vegetation. Fall 2016.

LM Start	2.43	Rating **	Α	Issue No.	1	
LM End	3.20	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Vegetatio	n		38.9705	76°	38.974682°
item				-121.5475	85 °	-121.535308°
DWR ID DWR_RD0784_03A_f _ 2016_1						
Comment Code						

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Well maintained annual vegetation. Fall 2016.

Photo 1 of 1: FA_2016_RD0784_533_1_20161103_00003.jpg



View of landside looking upstream of landside well maintained annual vegetation. Fall 2016.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 03B Bear River	Right	1.49

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/23/2016 - 3/23/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- c) corrections to deficiencies noted in this report

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Page 1 of 2

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	11/01/2016 11/01/2016	Sterling York

LM Start	3.22	Rating **	Α	Issue No.		3	
LM End	4.69	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetation			38.9744	38°	38.985464°	
пеш	-121.532366 ° -121.510					-121.510722°	
DWR ID DWR_RD0784_03B_f _ 2016_3							
		Comn	nent Cod	de			
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			
Well maintained annual vegetation. Fall 2016.							

Photo 1 of 1 : FA_2016_RD0784_534_3_20161103_00001.jpg



View of landside looking upstream of landside well maintained annual vegetation. Fall 2016.

LM Start	3.22	Rating **	Α	Issue No.		2	
LM End	4.69	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			38.9744	38°	38.985465°	
item			-121.532366 °		-121.510722 °		
DWR ID	DWR_RD0	784_03B_f _ 20	16_2				
		Comn	nent Cod	de			
V1 : Contro easements	-	grass and wee	eds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			
Well maintained annual vegetation. Fall 2016.							



View of waterside looking upstream at well maintained annual vegetation. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	11/01/2016 11/01/2016	Sterling York

LM Start	4.66	Rating **	М	Issue No.		4	
LM End	4.66	Issue Type +	En	Location *		WS	
Catagony	Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCIP Field Study			38.9852	47 °	38.985247°	
пеш				-121.5110	75°	-121.511075°	
DWR ID							

Inspector Comment

Comment Code

FS_ID:50165 DS_ID:18627 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/22/2016 - vegetation at inlet of pipe has been

cleared by owner. photos added showing pipe inlet. (T.

Hatch/UCIP)08/09/2016 - vegetation partially obscuring outlet on WS. Heavy vegetation on landside (LS) limiting inspection of inlet. Owner

asked by RD0784 to clear vegetation and debris. (T.

Hatch/UCIP)11/1/2015 - Flap Gate has been cleared as of 12/9/2014 and again during summer of 2015 (P. Meagher/RD0784)2/27/2013 - Flap gate blocked by vegetation on WS toe. Unable to locate inlet. (W. Wylie/UCIP)

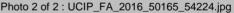
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 20-feet below the crown. A gate valve is on the waterside (WS). {Additional Reference(s): USACE Sacramento O&M Manual 145, August 1955 (sta 4+96). USACE Sacramento As-built Drawings, 2-4-106, Exhibit B, Sheet 2, July 1944 (sta 4+96)].

FS Date: 9/21/2016

LM Start	4.66	Rating **	М	Issue No.	4 (cont)
LM End	4.66	Issue Type +	En	Location *	WS



Flap gate blocked by vegetation on WS Toe.





Flap gate blocked by vegetation on WS toe.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 04 Interceptor Canal	Right	6.33

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By				

Summer & Winter Inspections

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	11/01/2016 11/01/2016	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	6.31	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.9747	74°	39.059304°	
пеш	item				90°	-121.551040°	
DWR ID DWR_RD0784_04_f _ 2016_3							
		Comn	nent Cod	de			
V1 : Contro easements		rass and wee	eds on th	e levee slop	pes	and	
		Inspecto	or Comm	nent			
Well maintained annual vegetation. Fall 2016.							



View of landside looking upstream of landside well maintained annual vegetation. Fall 2016.

LM Start	0.00	Rating **	Α	Issue No.		4		
LM End	6.31	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetation				74°	39.059304°		
item				-121.5350	89°	-121.551040°		
DWR ID DWR_RD0784_04_f _ 2016_4								
		Comn	nent Cod	de				
V1 : Contre easements		rass and wee	ds on th	e levee slo	pes a	and		
		Inspecto	or Comm	nent				
Well maintained annual vegetation. Fall 2016.								



View of waterside looking upstream at well maintained annual vegetation. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	11/01/2016 11/01/2016	Sterling York

LM Start	3.59	Rating **	М	Issue No.		6		
LM End	3.59	Issue Type +	En	Location *	WS			
Category				GPS Latitude/Longitude				
Calegory	Category			Start		End		
Item	DWR UC	P Field Study		39.026347°		39.026347°		
пеш				-121.54234	43 °	-121.542343 °		
DWR ID				·				
Comment Code								

Inspector Comment

FS_ID:46600 DS_ID:22686 EP_NO: N/A

LM End

Repair Type: Non-Urgent Crossing Status: Found

UCIP Co mit identified for crossing

Issue Type +

3.59

FIELD_STI unknown d	RUCT_DE epth on do	SC: Commur SWnstream sic 9:25:57 AM	nication I	ine through	the levee at
LM Start	3.59	Rating **	М	Issue No.	6 (cont)

Location *

WS

En



Communication line at base of JP on WS slope.



Communication line runs on south side of Plumas Arboga Road to JP approximately 400-feet West of levee crown.

* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence LS : Land Side N/A: Not Applicable A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected A/W : Acceptable but Monitor & Maintain CR : Crown U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	11/01/2016 11/01/2016	Sterling York

LM Start	3.60	Rating **	Α	Issue No.		5
LM End	5.84	Issue Type +	Ma	Location *		LS
Category	Earthen L		GPS La	atitud	e/Longitude	
Calegory			Start		End	
Item	Slope Sta		39.0265	03°	39.058462°	
item			-121.5423	49°	-121.543125°	
DWR ID	DWR_RD0784_04_f _ 2016_5					·
Comment Code						

S1: Repair slope instability.

Inspector Comment

This section of levee on the landside is under construction with Permit Number 19020-1 to construct a stability berm and all weather access road. Fall 2016.

LM Start	3.60	Rating **	Α	Issue No.	5 (cont)
LM End	5.84	Issue Type +	Ma	Location *	LS



View of landside looking upstream. This section of levee on the landside is under construction with Permit Number 19020-1 to construct a stability berm and all weather access road. Fall 2016.

Photo 2 of 2: FA_2016_RD0784_181_5_20161103_00010.jpg



Second view of landside looking upstream. This section of levee on the landside is under construction with Permit Number 19020-1 to construct a stability berm and all weather access road. Fall 2016.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 05 Interceptor Canal	Left	4.19

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/23/2016 - 3/23/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	0.01	Rating **	Α	Issue No.		8
LM End	4.19	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Vegetation			38.9745	73°	39.020574°
item				-121.532567°		-121.509096°
DWR ID DWR_RD0784_05_f _ 2016_8						
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
Well maintained annual vegetation. Fall 2016.						

20/01/2013

Photo 1 of 1: FA_2016_RD0784_182_8_20161103_00023.jpg

View of landside looking downstream of landside well maintained annual vegetation. Fall 2016.

Photo 1 of 1: FA_2016_RD0784_182_12_20161103_00022.jpg

LM Start	0.01	Rating **	Α	Issue No.		12	
LM End	4.19	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetation			38.9745	73°	39.020574°	
пеш				-121.532567 °		-121.509096°	
DWR ID DWR_RD0784_05_f _ 2016_12							
		Comn	nent Cod	de			
V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment							
Well maintained annual vegetation. Fall 2016.							



View of waterside looking downstream at well maintained annual vegetation. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	0.84	Rating **	М	Issue No.		13	
LM End	0.84	Issue Type +	En	Location *	WS		
Category	Supplemental			GPS Latitude/Longitude			
Calegory	Category		Start		End		
Item	DWR UCI	P Field Study		38.98643	2°	38.986432°	
пеш				-121.53498	3°	-121.534983 °	
DWR ID						·	

Comment Code

Inspector Comment

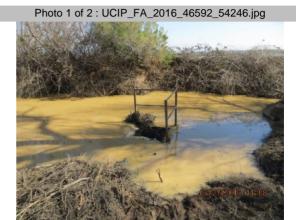
FS_ID:46592 DS_ID:18591 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

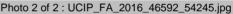
UCIP Comments: No handle or access to slide gate on LS toe. FIELD_STRUCT_DESC: 30-inch CM pipe through the levee 23.7 feet below the crown. Flap gate on the waterward end. Slide gate in concrete drop inlet on the landward side. Originally included in O+M manual (1955).

FS Date: 9/11/2015 9:05:55 AM

LM Start	0.84	Rating **	М	Issue No.	13 (cont)
LM End	0.84	Issue Type +	En	Location *	WS



Concrete drop-inlet at LS toe.





Outlet with riprap on WS toe.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

ıde						
nd						
99068°						
37462°						
DWR ID DWR_RD0784_05_s _ 2012_10						
Comment Code						
Ditch at toe of slope. Fall 2016.						
9						



View of landside looking downstream at the ditch that is along the levee toe. Fall 2016.

LM Start	1.86	Rating **	М	Issue No.		Issue No.		Issue No.		Issue No.		Issue No.		16
LM End	1.86	Issue Type +	En	Location *		LS								
Category	Supplemental			Supplemental			GPS La	atitud	e/Longitude					
Calegory			Start		End									
Item	DWR UCI	DWR UCIP Field Study			75°	39.000975°								
пеш	item		-121.5377	79°	-121.537779°									
DWR ID														

Comment Code

Inspector Comment

FS_ID:46604 DS_ID:18588 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Inlet burried. Good candidate for video inspection as

pipe is corroded.

FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee, 14.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward side. Originally included in O+M manual (1955).

FS Date: 9/11/2015 9:36:14 AM

Photo 1 of 2: UCIP_FA_2016_46604_54249.jpg



Drainage outlet on WS toe.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	1.86	Rating **	М	Issue No.		16 (cont)		
LM End	1.86	Issue Type +	En	Location *		LS		
Category				GPS Latitude/Longitude				
Calegory	egory					End		
Item	DWR UCI	P Field Study		39.0009	75 °	39.000975°		
пеш				-121.5377	79°	-121.537779°		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:46604 DS_ID:18588 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Inlet burried. Good candidate for video inspection as

pipe is corroded.

FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee, 14.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward side. Originally included in O+M manual (1955)

FS Date: 9/11/2015 9:36:14 AM



Debris covered inlet on LS toe.

2.04	Rating **	M	Issue No.		15		
2.04	Issue Type +	En	Location *		LS		
Supplemental				GPS Latitude/Longitude			
Category					End		
DWR UCI	P Field Study		39.0036	43°	39.003643°		
					-121.538292°		
					·		
	2.04 Suppleme	2.04 Issue Type + Supplemental	2.04 Issue Type + En	2.04 Issue Type + En Location * Supplemental GPS La Start Start DWR UCIP Field Study 39.0036	2.04 Issue Type + En Location * Supplemental GPS Latitud Start		

Comment Code

Inspector Comment

FS_ID:46603 DS_ID:18587 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Erosion at outlet may or may not be an issue. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee, 14.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward side. PVC weir on inlet. Originally included in O+M manual (1955).

FS Date: 9/11/2015 9:34:58 AM

Photo 1 of 2: UCIP_FA_2016_46603_54252.jpg



Concrete U-shaped outlet on WS toe.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	2.04	Rating **	М	Issue No.		15 (cont)	
LM End	2.04	Issue Type +	En Location			LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory	ategory		Start		End		
Item	DWR UCI	P Field Study		39.00364	3°	39.003643	
пеш				-121.53829)2 °	-121.538292	
DWR ID							

Inspector Comment

Comment Code

FS_ID:46603 DS_ID:18587 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Erosion at outlet may or may not be an issue. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee, 14.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on the waterward side. PVC weir on inlet. Originally included

in O+M manual (1955).

FS Date: 9/11/2015 9:34:58 AM

Ditch at toe of slope. Fall 2016.



Inlet with PVC weir on LS toe.

LM Start	2.11	Rating **	М	Issue No.		9		
LM End	3.07	Issue Type +	En	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Category				Start		End		
Item	Encroachments				62°	39.015593°		
item				-121.538482 °		-121.528533°		
DWR ID	DWR_RD0	784_05_s _ 201	2_9					
		Comn	nent Cod	de				
DT : Ditch	DT : Ditch							
	Inspector Comment							

Photo 1 of 1 : FA_2016_RD0784_182_9_20161103_00025.jpg



View of landside looking downstream at the ditch that is along the levee toe. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	2.47	Rating **	U	Issue No.		18
LM End	2.47	Issue Type +	En	Location *		LS
Category			GPS Latitude/Longitude			
Calegory	Category			Start		End
Item	DWR UCI	P Field Study		39.00899	4°	39.008994
пеш				-121.53567	'9	-121.535679
DWR ID						

Inspector Comment

Comment Code

FS_ID:50167 DS_ID:18597 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 7/29/2016 - Erosion scarp on LS cut into levee shoulder starting at inlet headwall. Cavity failure on WS shoulder approximately 2-feet in diameter and several feet in depth. (T. Hatch/UCIP)11/01/2015 - The concrete box weir structure on the landside inlet has slumped off the end of the pipe. DWR Chief inspector George Wille inspected the site on 8/13/2015 with Steve Fordice, General Manager of RD784. (P. Meagher - RD784)

2/27/2013 - Heavy erosion around inlet headwall due to beaver activity. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 15.5 feet below the crown. Flap gate on the waterside (WS) toe. Concrete "U" headwall located at the WS toe. (removable standpipe and bulkheads approved under Permit No. 9230, 1974 - Frach, Inc.). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 13+72). USACE As-built Drawings 2-4-106, Sheet 6, July 1944 (Station 13+72)]. FS Date: 7/29/2016 11:20:00 AM

LM Start	2.47	Rating **	U	Issue No.	18 (cont)
LM End	2.47	Issue Type +	En	Location *	LS



Outlet on WS.

Photo 2 of 2: UCIP_FA_2016_50167_54255.jpg



Inlet on LS.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	2.51	Rating **	М	Issue No.		5	
LM End	3.10	Issue Type +	En	Location *		LS	
Catagonia Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Encroachments					39.015978°	
пеш				-121.535200°		-121.528173°	
DWR ID DWR_RD0784_05_s _ 2013_5							
		Comn	nent Cod	de			
FE : Fence	Э						
		Inspecto	or Comm	nent			
Fence along levee toe. Fall 2016.							



View of fence along the landside toe looking downstream. Fall 2016.

LM Start	3.06	Rating **	М	Issue No.	14		
LM End	3.06	Issue Type +	En	Location *	LS		
Category			GPS Latitude/Longitude				
Calegory				Start		End	
Item	DWR UCI	P Field Study		39.0155	49°	39.015549°	
item				-121.5285	90°	-121.528590°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:46601 DS_ID:18596 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe has been sliplined with PVC, but the liner appears to be eroding at oulet and may be disjointed internal to the love. See his Cood condidate for yides impossible.

levee. See pic. Good candidate for video inspection.

FIELD_STRUCT_DESC: 12-inch CM drain pipe through the levee, 12.0 feet below the crown. Flap gate and concrete "U" headwall on the waterward side. PVC weir on inlet at LS toe. Originally included in O+M manual (1955).

FS Date: 9/11/2015 9:26:56 AM

Photo 1 of 2 : UCIP_FA_2016_46601_54261.jpg



Concrete U-shaped headwall on WS toe.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	3.06	Rating **	М	Issue No.		14 (cont)	
LM End	3.06	Issue Type +	En	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Category				Start		End	
Item	DWR UCI	DWR UCIP Field Study			9°	39.015549°	
пеш					o°	-121.528590°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:46601 DS_ID:18596 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe has been sliplined with PVC, but the liner appears to be eroding at oulet and may be disjointed internal to the

levee. See pic. Good candidate for video inspection.

FIELD_STRUCT_DESC: 12-inch CM drain pipe through the levee, 12.0 feet below the crown. Flap gate and concrete "U" headwall on the waterward side. PVC weir on inlet at LS toe. Originally included in O+M manual (1955).

FS Date: 9/11/2015 9:26:56 AM

Photo 2 of 2: UCIP_FA_2016_46601_54260.jpg



PVC weir on LS toe. Notice pipe debris from repair.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	11/01/2016 11/01/2016	Sterling York

LM Start	3.96	Rating **	М	Issue No.		17
LM End	3.96	Issue Type +	En	Location *		LS
Category	Suppleme	GPS Latitude/Longitude				
Calegory	Category					End
Item	DWR UCI	DWR UCIP Field Study			87°	39.019787°
пеш					86°	-121.513386°
DWR ID						

Inspector Comment

Comment Code

FS_ID:50676 DS_ID:18593 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 11/14/2016 - Photos added of exposed flap gate on WS and possible inlet location on LS. Condition remains as Non-Urgent because of inlet not being fully operable. Unknown if pipe will operate as designed during high water or if it is full of sediment.11/01/2015 - Waterside Flap Gate Uncovered. Photo sent to DWR Matt Hoffman on 3/3/2014. Fresh photo sent to DWR Pavel Kazi on 9/9/2015. Landside toe has never been able to be located. Requesting DWR inspector to change the status of this issue to "No Action Needed". (P.Meagher - RD784). Pipe burried on LS toe and flap gate is blocked by soil on WS toe. (W. Wylie - UCIP Inspector).

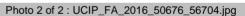
FIELD_STRUCT_DESC: 18-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1955).

FS Date: 10/9/2015

LM Start	3.96	Rating **	М	Issue No.	17 (cont)
LM End	3.96	Issue Type +	En	Location *	LS



Outlet on WS toe





Flap gate burried in soil at oulet on WS toe.

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 06 South Dry Creek	Right	0.25

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/23/2016 - 3/23/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	11/01/2016 11/01/2016	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.25	Issue Type +	Ma	Location *		LS	
Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.9855	71°	38.987589°	
item				-121.5105	21 °	-121.506672 °	
DWR ID DWR_RD0784_06_f _ 2016_2							
Comment Code							
V1 : Contro easements		rass and wee	eds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			
Well maintained annual vegetation. Fall 2016.							



View of landside looking upstream of landside well maintained annual vegetation. Fall 2016.

LM Start	0.00	Rating **	Α	Issue No.		3
LM End	0.25	Issue Type +	Ma	Location *	WS	
Category Earthen Levee				GPS La	atitud	e/Longitude
Category	liegory			Start		End
Item	Vegetation			38.9855	71°	38.987589°
item				-121.5105	21 °	-121.506672°
DWR ID	DWR_RD0	784_06_f _ 201	6_3			
		Comn	nent Cod	de		
V1 : Control annual grass and weeds on the levee slopes and easements.						
		Inanact	or Comm	ont		

Inspector Comment Well maintained annual vegetation. Fall 2016.

Photo 1 of 1: FA_2016_RD0784_183_3_20161103_00004.jpg



View of waterside looking upstream at well maintained annual vegetation. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	11/01/2016 11/01/2016	Sterling York

LM Start	0.06	Rating **	М	Issue No.		4	
LM End	0.06	Issue Type +	En	Location *	WS		
Category	ental	GPS Latitude/Longitude					
Category				Start		End	
ltom	DWR UC	P Field Study		38.9859	99°	38.985999°	
Item				-121.509618°		-121.509618°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:46776 DS_ID:18626 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 10-30-2015 - Waterside flap gate was cleared in December 2014 and again in September 2015 No LMA access available on Landside (P. Meagher).Pipe partially blocked on LS and flap gate blocked on WS (W. Wylie-UCIP Inspector)

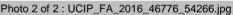
FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee19-feet below the crown. Gate valve on waterward side. Originally included in O+M Manual (1955). See Dwg. 2-4-106 Sheet 2.

FS Date: 9/11/2015

LM Start	0.06	Rating **	М	Issue No.	4 (cont)
LM End	0.06	Issue Type +	En	Location *	WS



INlet at LS toe.





Outlet at WS stream bank.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 07 Yuba River	Left	3.82

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.82	11/01/2016 11/01/2016	Sterling York

LM Start	0.12	Rating **	Α	Issue No.		2
LM End	3.81	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	า		39.1351	37°	39.165505°
item				-121.550129°		-121.495615°
DWR ID	DWR ID DWR_RD0784_07_f _ 2016_2					
		Comn	nent Cod	de		
V1 : Control annual grass and weeds on the levee slopes and easements.						
		Inspecto	or Comm	nent		
Well maintained annual vegetation. Fall 2016.						



View of landside looking downstream of landside well maintained annual vegetation. Fall 2016.

LM Start	0.12	Rating **	Α	Issue No.		3
LM End	3.81	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End
Item	Vegetation			39.135138°		39.165505°
item	item			-121.550129°		-121.495615°
DWR ID	DWR_RD0	784_07_f _ 201	6_3			
		Comn	nent Cod	de		
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slop	pes	and
easements	S.					
Inspector Comment						
Well maintained annual vegetation. Fall 2016.						



View of waterside looking downstream at well maintained annual vegetation. Fall 2016.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

	Waterway	Bank	Unit Miles
ſ	Unit No. 08 Three Rivers	Right	1.93

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Three Rivers	Right	1.93	11/01/2016 11/01/2016	Sterling York

LM Start	0.02	Rating **	Α	Issue No.		2
LM End	1.93	Issue Type +	Ма	Location *		WS
Earthen Levee			GPS La	atitud	e/Longitude	
Category				Start		End
Item	Vegetatio	า		38.9555	40°	38.970544°
пеш				-121.574624°		-121.547607°
DWR ID	DWR_RD0	784_08_f _ 201	6_2			
		Comn	nent Cod	de		
V1 : Contre easements		rass and wee	ds on th	e levee slo	pes a	and
		Inspecto	or Comm	nent		
Well maintained annual vegetation. Fall 2016.						



View of waterside looking upstream at well maintained annual vegetation. Fall 2016.

1110	0.00	Rating **	Λ.	Issue No.		4	
LM Start	0.02	Rating	Α	issue ivo.		1	
LM End	1.93	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS La	atitud	le/Longitude		
Category	Category			Start		End	
Item	Vegetation			38.955539°		38.970544°	
пеш				-121.574623°		-121.547607°	
DWR ID	DWR ID DWR_RD0784_08_f _ 2016_1						
Comment Code							
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slop	oes a	and	

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Well maintained annual vegetation. Fall 2016.

Photo 1 of 1 : FA_2016_RD0784_437_1_20161103_00001.jpg



View of landside looking upstream of landside well maintained annual vegetation. Fall 2016.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles
Unit No. 09 Feather River	Left	5.71

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/22/2016 - 3/22/2016		11/1/2016 - 11/1/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

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- c) corrections to deficiencies noted in this report

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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	11/01/2016 11/01/2016	Sterling York

LM Start	0.01	Rating **	Α	Issue No.		4	
LM End	5.71	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory		Start		End			
Item	n	39.0901	93°	39.010143°			
item				-121.584734°		-121.579426°	
DWR ID DWR_RD0784_09_f _ 2016_4							
		Comn	nent Cod	de			
V1 : Contro easements		rass and wee	eds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			
Well maintained annual vegetation. Fall 2016.							

11/01/2018

Photo 1 of 1: FA_2016_RD0784_530_4_20161103_00005.jpg

View of waterside looking downstream at well maintained annual vegetation. Fall 2016.

LM Start	0.01	Rating **	Α	Issue No.	3			
LM End	5.71	Issue Type +	Ма	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Odlogory			Start		End			
Item	Vegetatio		39.090192°		39.010143°			
item			-121.584734 °		° -121.579426 °			
DWR ID	DWR_RD0	784_09_f _ 201	6_3					
		Comn	nent Cod	de				
V1 : Control annual grass and weeds on the levee slopes and easements.								
Inspector Comment								

Inspector Comment Well maintained annual vegetation. Fall 2016.



View of landside looking downstream of landside well maintained annual vegetation. Fall 2016.

Page 2 of 3

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	11/01/2016 11/01/2016	Sterling York

LM Start	4.97	Rating **	М	Issue No.	6		
LM End	4.97	Issue Type +	En	Location *	LS		
Category				GPS Latitude/Longitude			
Calegory			Start		End		
Itom	Item DWR UCIP Field Study				67°	39.020167°	
пеш					16°	-121.583516°	
DWR ID						·	
Comment Code							

Inspector Comment

FS_ID:46591 DS_ID:23976 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to determine Permit for crossing.

FIELD_STRUCT_DESC: 24-inch storm drain discharge pipe through the levee at unknown depth below the crown. Pumping plant on Landward toe. Pump Station No. 3. Paddle markers on both WS toe

and LS toe at pumping plant fence. FS Date: 9/11/2015 9:04:50 AM

LM Start	4.97	Rating **	М	Issue No.	6 (cont)
LM End	4.97	Issue Type +	En	Location *	LS



Paddle marker on WS toe.



Paddle marker on LS toe at pumping plant fence.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	11/01/2016 11/01/2016	Sterling York

LM Start	5.64	Rating **	М	Issue No.	5 LS			
LM End	5.64	Issue Type +	En	Location *				
Category				GPS Latitude/Longitude				
Calegory		Start		End				
ltom	Item DWR UCIP Field Study				6°	39.011146		
пеш					4 °	-121.579794		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:46586 DS_ID:23996 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to determine Permit for Crossing.

FIELD_STRUCT_DESC: 2-Christy boxes. One on either side of crown.

Likely an electrical or other small conduit crossing. FS Date: 9/11/2015 9:00:50 AM

LM Start	5.64	Rating **	М	Issue No.	5 (cont)
LM End	5.64	Issue Type +	En	Location *	LS



Photo 1 of 2: UCIP_FA_2016_46586_27161.jpg



Chrisy box on WS shoulder.

Photo 2 of 2: UCIP_FA_2016_46586_27160.jpg



Christy box on LS shoulder.